



THE BLURB

PHILMONT MOBILE RADIO CLUB INC.

July
1960

AS USUAL, THE GOOD
OLE SUMMER'S
ARE DULL!

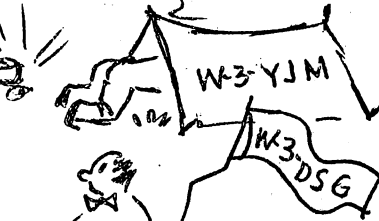


W-3-PWG



BOWS

BOW
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10¢

THE BLURB

Published Monthly by the
Phil-Mont Mobile Radio Club

VOLUME 10

July 1960

No. 7

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STAFF

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Cartoonist	W3YHV
Technical Editor	W3DOU
Typist	K3JQC
New Members Chairman	W3CDY

CIRCULATION AND PRINTING

Superintendent...W3GOW	Kibitzer...W3AWH
Boss Stitcher...W3JIL	Collater...K3DJE
Printer.....W3WNC	

The "BLURB" is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general and Mobile Radio in particular. We endeavor to keep news accurate, interesting and in a small way, educational. Any deviation from this is unintentional. Copying and quoting is permitted, provided credit lines are included. Commercial use is not permitted and subscriptions are gladly exchanged with other radio clubs.

DEADLINES

The "BLURB" is mailed on the last Monday of the month. All material for the "BLURB" must be received by the Editor, ZPP, before the fifteenth of the month.

1960 CLUB OFFICERS

PRES.	Hymen W. Hecht	W3WNC
V. PRES.	Lloyd Sherman	W3CDY
SEC. Y	Charles Greenwood	W3GOW
TREAS.	Tom Donnelly	W3VCE
RD. of DIR:	W3's NLP, VVS, QQH, AWH, DOU	
	and all 1960 Club Officers.	

MEETINGS

Regular meetings are normally held on the 1st Monday of the month. Check the Calendar at right for the exact date. Meetings are held at the FRANKLIN INSTITUTE at 21st St. and the Parkway, starting at 2000 hours. (8:00 P.M.).

NET AND NET FREQUENCIES

Ch 1 - 29493 kcs.	Ch 3 - Unassigned
Ch 2 - 28626 kcs.	Ch 4 - 50.7 mcs.
Scrambled egg net Weekdays	0730-0830
Ten on Ten Sundays	1000-1100
Blarney Sessions Anytime	Ch 1 or 2
29493 is monitored daily	0930-2400

for the benefit of mobiles in the Phila area

FMRC CALENDAR OF EVENTS

July 11 Regular Meeting 8 P.M. at the
FRANKLIN INSTITUTE
Program: Film

NOTE DATE FOR MEETING??????

July 20 Mid-Month Meeting
Qth W3HFD
Spring Valley, Pa.

SEND ALL COMMUNICATIONS FOR THE BLURB
TO THE EDITOR, ZPP

THE TREZ SEZ:

By the time you get this issue of the Blurb, the half-way picnic at Havre de Grace and Field Day will be part of Phil-Mont's 1960 history. I would like to tell you something about history in the making.

Phil-Mont plans to have Channel 1 station at the Franklin Institute. It will be housed in a commercial cabinet approximately 18" x 18" x 6 ft. high. The power will be 100 watts with a 50 watt modulator. The crystal will be ground to 29493.2 Kc and will be temperature controlled in a crystal oven. The R.F. chassis, power supply chassis and modulator chassis will be vertically mounted in the cabinet. The front and back doors of the cabinet will give easy access to the top and bottom of the chassis for easy servicing. It will be a very handsome piece of equipment. The antenna will be a Coaxial Vertical built by W3QQH.

In addition, it is planned that a remote line be run from the equipment to the meeting room, so that on meeting nights the channel can be remotely monitored.

The sparkplug of this project is W3QQH; with the capable volunteered assistance of other Phil-Mont members we can soon look forward to another important channel 1 monitoring station and another step forward for Phil-Mont.

This is Phil-Mont history in the making.

de W3WNC

* * * * *

NET DIRECTORY

The 1960 ARRL Net Directory (CD-50 Re.12/59) is ready. You may have a copy for the asking. Just drop a line to ARRL West Hartford, Connecticut. It's a good thing to have around the shack.

* * * * *

THE INSTITUTE NEWS

The June issue of the Franklin Institute News was received by this Ed and we were happy to note that all of Page Four which is dedicated to the Exhibit of the Month was about W3TRQ. There was a picture of the present station with Nelson (W3DYP) at the mike. The article gave the history of the station and also stated that the sponsorship of the station was taken over by the Phil-Mont Mobile Radio Club.

* * * * *

VACATION TIME IS HERE - GO MOBILE

Many of us will be taking off for vacations during the coming months. Go have Fun - Go Mobile BUT don't forget the Rules and Regulations governing the Amateur Radio Service. Give the FCC advance written notice of any operations for a period of more than 48 hours away from the fixed location specified in your license.

In the case of mobile operation, the official name, registry number or license number (including the name of the issuing state or territory, if any) of the aircraft vessel or land vehicle in which the mobile stations are installed and operated.

Advance notice must be given to the Engineer in charge of all the radio districts in which operation is contemplated, including the home district.

We have postcards at the club, obtain yours and fill them out before you take off.

* * * * *

July 20th is the Mid-month meeting and will be held at the home of W3HFD in Spring Valley Bucks County. Frank will be on the air to guide the mobiles in.

TV CHANNEL FREQUENCIES

Hams frequently have occasion to refer to TV frequencies and the following is reprinted for reference

CHANNEL NO.	FREQ. RANGE MC.	PICTURE CARRIER MC.	SOUND CARRIER MC.
3	60-66	61.25	65.75
6	82-88	83.25	87.75
10	192-198	193.25	197.75

* * * * *

ZERO BEAT PLS

(Florida Skip)

Turn BFO on and zero beat (on rcvr) carrier of NCS. Then turn on your OSC only and zero beat it. This takes some deft manipulations some times, but good operators know this is the only way to really zero beat with the NCS. After 10 or 15 minutes of operation or standby, do it again. Receivers drift, so do transmitters. The NCS should run an xtal calibrator, switching it on from time to time to recheck his frequency. Extr signals tend to drift down in frequency as temperatures increase.

* * * * *

DEAR MABEL

(Florida Skip)

Dear Mabel:

Is there any way to get my husband to cut down on his hamming? Every spare minute he gets is spent on the air or working on the rig.

Crystal Diode

Dear Crystal:

I will not answer this question for three reasons: (1) Hams are nice people and should be encouraged. (2) If your husband wasn't hamming in his spare time, being a man he might be doing something worse. (3) If I knew the answer to this one, I might try it myself.

Mabel

* * * * *

EXTRA!

EXTRA!

EXTRA!

At the June Mid-month meeting a membership committee was formed and W3CDY Lloyd was named as the chairman of this committee. We all know what a fine job Lloyd will do in this post. The committee will be made up of five members and as soon as the committee is complete we will publish the list in the "Blurb".

APPLICATIONS FOR MEMBERSHIP

Howard (GIL) Gilpin - W3SRU
505 E. Chelton Ave., Philadelphia 44 Pa.
Wife's name - Frankie

Employed by Leeds & Northrup, North Wales
Mobile on 10 Home 80 thru 10

Gil is former member and presently an associate member under the by-laws is now reinstated.
Sponsors: Kermit W3AJ0

By W3WNC

Fred (Jeeper) H. Travers - W3JPP
8206 Douglas Road, Philadelphia 18, Pa.
Wife's name - Anne
Employed by Phila Electric Co.
Mobile 80 thru 10
Sponsors: Frank W3LNU
By W3WNC

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Visitors at June Meeting

K3KUD	Bob Schmielewski, Glenside, Pa.
K3EYD	Bob Steel, Glenside, Pa.
K3HWX	John Balch, Haverford, Pa.
W3JTA	Phil Schneider, Somerton, Pa.
W4LSC	Roy Hauser, Alexandria, Va. Durwell Marshall (Brother-in-Law of W4LSC)
K3JPB	Bill Winter, Newtown Square, Pa.
W3HHQ	Ed Zitzer, North Hills, Pa.
K3EGG	Cliff Rogers, Phila., Pa.

✻ ✻ ✻ ✻ ✻ ✻ ✻ ✻ ✻

Please drive carefully. I read in the papers that in Philadelphia a fellow gets hit by an automobile every 7 minutes. I don't know who that fellow is, BUT if he don't get out of town they're going to kill him.....

* * *

We would like to thank John, W3KNC, for the very entertaining and educational film that he provided for us at the June meeting. This film made by Walt Disney showed what weather forecasting may be like in years to come and how man can to some extent control his weather. Thanks again, John.

✻ ✻ ✻ ✻ ✻ ✻ ✻ ✻ ✻

A successful day was completed at the St. Davids Golf Match. K3GNJ substituted his mobile rig, in place of W3GIF who had engine trouble almost at starting time. Here's an extra for you Phil-Mont golfers (your Ed was given this info and don't say it's so) Look out for the crows. A fine shot was made on one of the greens close to the clubhouse, along came a crow and flew off with the ball. Some say this was the outstanding event of the day!

HOW TO GET OUT OF A SUBMERGED CAR
by Assistant Chief-Ian Weratler
Volunteer Fire Dept., Saybrook, Ohio

(Pottstown Motorist AAA)

Every year in the U.S. an estimated 400 persons are trapped in autos plunging into water.

Most of the fatalities result because the rider, trapped under water, usually tries frantically, to open the door. But the door will not open because of the pressure of water outside. He then panics--needlessly in most cases.

Instead, the rider must do an unnatural thing: Calmly let the car fill with water. When the pressure inside equals the pressure outside, the door will open easily.

He need not drown while the car fills. If the car lands upright, a pocket of air remains inside, more than enough to last the 10 or 15 minutes it takes the car to fill.

As it fills, he simply keeps his head in the air pocket, which is usually the top portion of the car.

When the water stops rising, the pressure inside is about equal to the outside pressure.

He then takes a deep breath, opens the door, pushes out and up to the surface. The air pocket remains after the door is open, no need to hurry, take time and do not panic.

Here's what to do:

- (1) If a car submerges with windows open, upright position. Some air pocket only water rushing thru open windows, brace yourself against force of incoming water, keeping head against roof out of water. The car will fill faster, not so long to wait, then open door the same way as described previously and rise to surface.
- (2) When a car overturns and rests on its top. The same procedure is required, head against floor board until pressure equalizes; so able to open door, and driver gets out.
- (3) Car lands on side, windows open - water rushing in. Keep head against door below window opening until car fills. Door would almost float open or smaller person could float out of the window opening to rise to surface.
- (4) Car lands on side, window closed. Position self with head against door below window opening until car almost fills. Then with few inches of space left, take deep breath, open window and open door or as above float self through window opening and to surface.

A fully expanded adult chest holds five quarts of oxygen or equal to one quart of pure oxygen; also five to six quarts of blood full of oxygen which gives another one quart of pure oxygen.

One-half pint of oxygen will maintain life for one minute. Therefore, plenty of time to get out, if driver uses common sense and does not panic.

Almost 100% of drivers or riders could get out alive, if they used their heads and did not panic. The unconscious and those unable to help themselves are the unfortunate.

A conscious person could even get an unconscious person out, by keeping his head above water. This is relatively easy as body is buoyant enough, no great weight is involved. By taking hold of hand or clothing at neck with one hand, rescuer could float person out same as under water rescue for drowning victim.

PHILMONT - TECHNICAL

JULY - 1960

CONTRIBUTED BY W3JGB

A THREE BAND MOBILE ANTENNA

8' WHIP

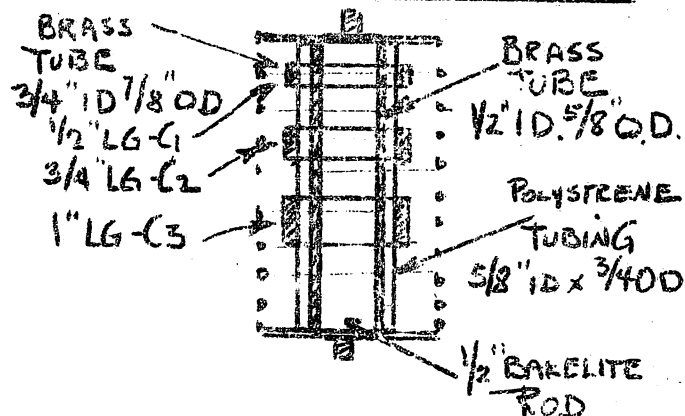
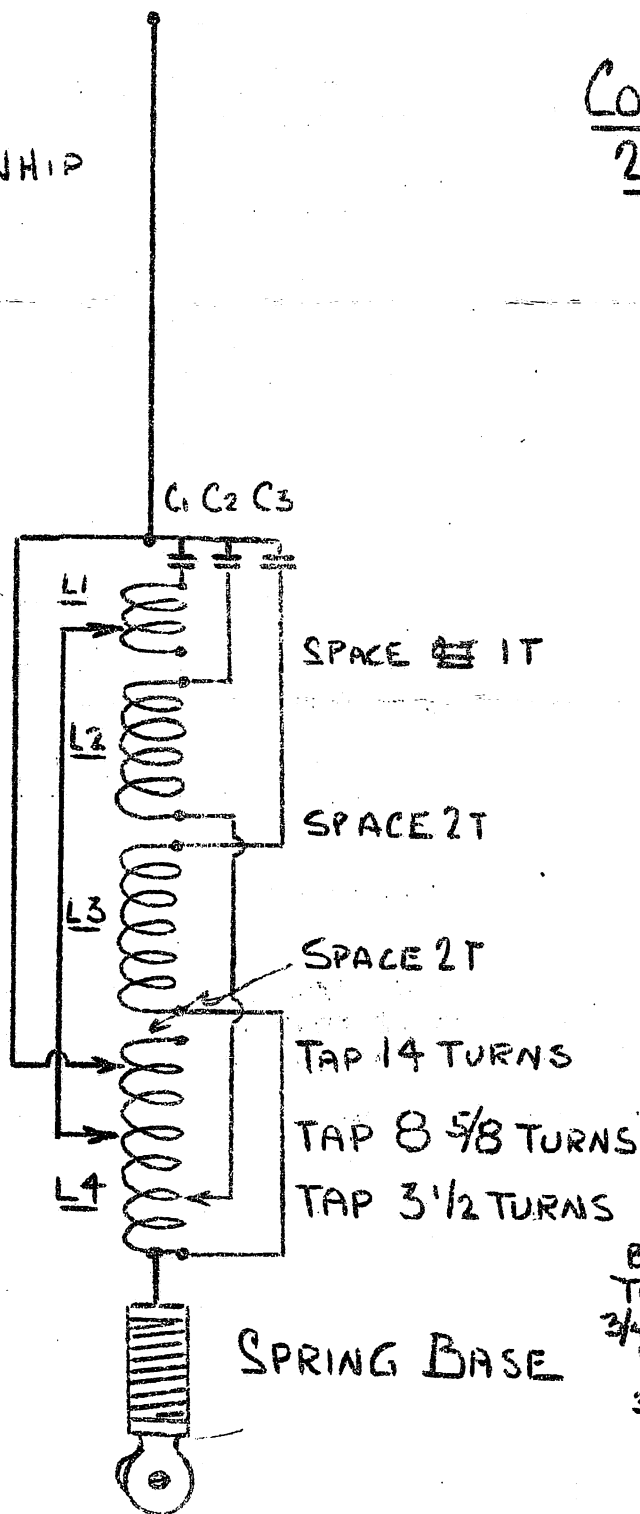
COIL MATERIAL B+W

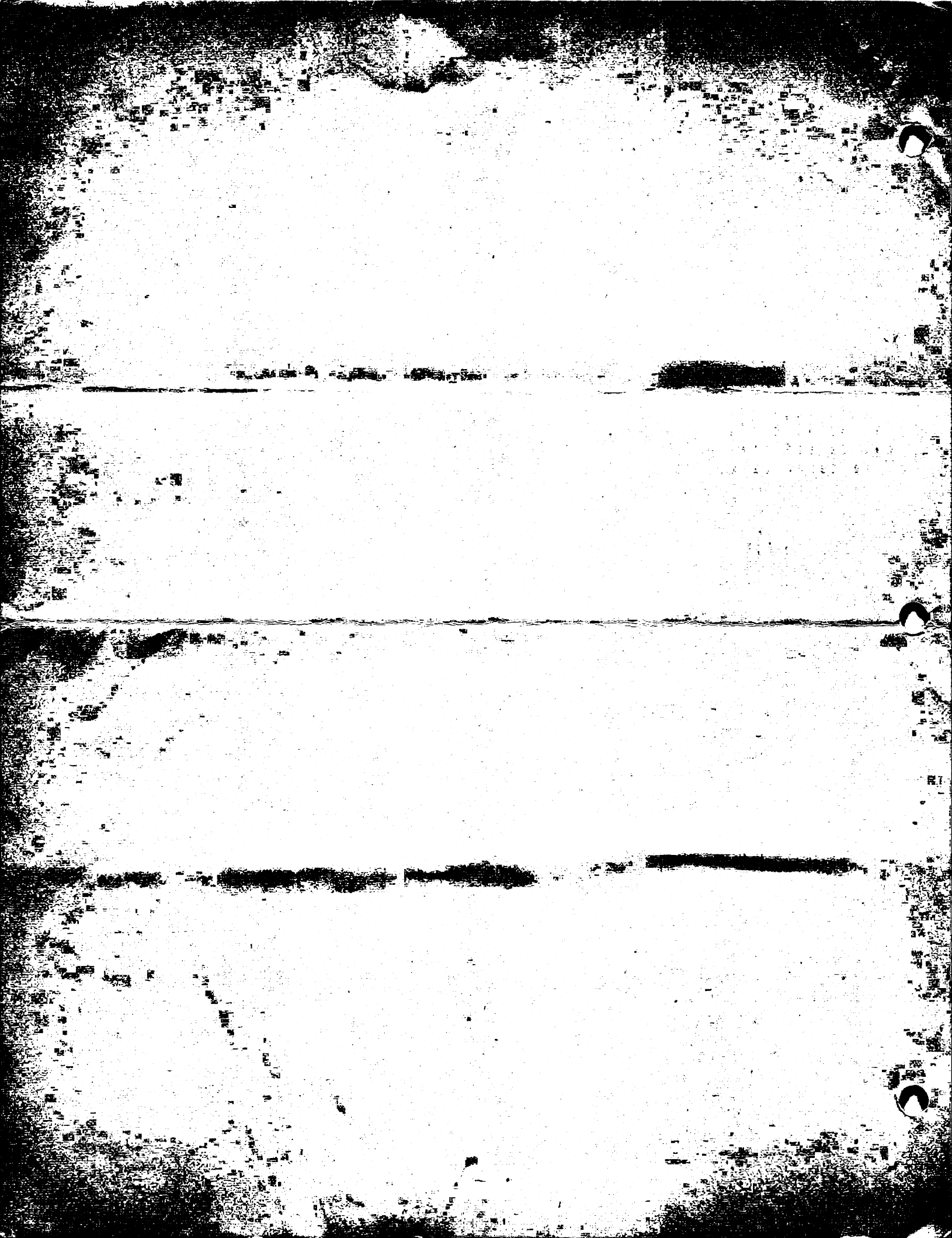
2" DIA 10T/W

$C_1 = 10 \mu\text{fd}$
 $C_2 = 15 \mu\text{fd}$
 $C_3 = 20 \mu\text{fd}$ } PLACED INSIDE
COIL
COAX TYPE
HI CURRENT-VOLTAGE

$L_1 = 11 \text{ T}$
 $L_2 = 7 \text{ T}$
 $L_3 = 6 \text{ T}$
 $L_4 = 25 \text{ T}$

$L_1 C_1$ SERIES TUNES TO 10M
 $L_2 C_2$ " " " 15M
 $L_3 C_3$ " " " 20M
 L_4 IN Ckt TUNES TO 40M
TAPS ON L_4 PROVIDE
COUPLING FOR LOADING





Herewith a brief report on Saturday, June 1961 balloon chase ---

Norm, K3HNW mobile, gets the accolades for holding down the fort at Valley Forge Airport for a dreary couple of hours before the take-off, while UMK was down at WNC's trying to lick an intermittent and get set up on two --- take-off of first of three balloons must have been close to twelve or thereabouts -- Tony Fairbanks was in balloon no 1, which completely appropriately took off second --- before third balloon took off, UMK and HNW took off with the chase car for Balloon no 1 in tow - only to run into a parade up on 422 -- fortunately, Herb, W3BPM, was up there too, with balloons in sight and he helped to keep frequency warm with reports. QV then was active trying to help UMK get straightened out and over to Collegeville; however, UMK used his own judgement, which was a mistake, and wound up in Skippack for his pains. About this time, W3YHV fixed showed up on channel one, and was a tremendous help in trying to bring some order out of chaos. DJW also checked in and had several two meter mobiles with him down on 146. K3FZJ was also out there on 147 megs and kidded UMK later about not joining him on two. However, DJW was supposed to have included him with his gang. --- I haven't any idea what the story was on the third balloon. But balloon no 2, with Doug Arthur aboard, landed 1/2 mile east of Perkionsville Valley Airport, with Herb W3BPM resting comfortably next to it -- however, I spent fifteen fruitless minutes trying to find the back road that he was on --- YHV patched Doug Arthur thru to WCAU --- WNC also helped out considerably in the early stages of balloon chase --- Balloon no 1, with Ed Harvey aboard, I believe, landed up near Harleysville, just clearing some high tension wires near route 63. --- Norm, K3HNW mobile, successfully chaperoned Mrs. Fairbanks and four children, driving the chase car to this location, and yours truly is very grateful for same -- when UMK arrived, caught a glimpse of EZJ going by with what looked like a two meter antenna attached to a short telephone pole -- but it was raining cats and dogs by then. --- visibility was poor due to low hanging overcast and intermittent showers. All those ballonatics who didn't show missed a problem situation with three balloons confusing the issues, but our friend JIL was not aboard with walkie-talkie --- his time will come up later.

de W3UMK

CHANNEL CHATTER

W3DOU is now W3AK, Congrats Tex on joining the elite of Ham radio---W3QZO how about writing up that new walkie-talkie for the "ELURB" ??? ---W3PWG has a new nine passenger country sedan with W3PWG license plate and will be mobile soon---W3DJW mounting 5 element Telrex 2 meter beam on car---W3MVG lost his Call Letter plates when he bought his new station wagon---W3DHJ elected president of North Penn Radio Club---Signals heard to date by W3EQV down at Mays Landing are AJ0, AK, HFD, LEM, YJM, FWI, UVL, GNM, QQH, LQ, DSG, CBA, JGV, JIV WNC, QV, and mobile QQH, DSG, EQV has intentions of setting up a Phil-Mont monitoring station for week-ends to assist mobiles in the seashore areas---Mid-month was held at the home of W3VVS-those attending were GNM, HIJ, YJM, DJW, QZC (that's the way to stop rumors Bob) AK, EQV, GOW, DJE, PST, DSG, QQH, WNC and ZPP-----

WALKIE-TALKIE

At the June meeting Bob W3QZO brought along his 10 meter walkie-talkie. Bob was kind enough to give us a demonstration prior to the meeting in the parking lot and then during the meeting open up the cabinet and give us the why's and how's of the circuits. Bob's idea of using a commercial transistor BC receiver kit along with a converter was an excellent one. Unlike most walkie-talkie's this one had a speaker for group listening or the hand-set for private listening. Perhaps W3QZO will find time to write this up for a tech-ni-gram.

SWAP AND SHOP

SALE OR TRADE: NC 300 for equivalent tape recorder. Also 40 feet of 2" pipe, 3 element beam for 10 meters, tenna-rotor and 20 feet of aluminum (gotham hobby) vertical antenna. Would trade for all for three (3) 96" whips and body mounts. Can be seen at Valley Forge Terrace Trailer Park in Betzwood.
Bob Blynn-Valley Forge Terrace 110 Lafayette Drive, Forristown, Pa.

SALE: Stereo Pre-Amp composed of 2 Heath WA-P2's with provision for 12 vdc filaments from 6 VAC supply, Balance control, Stereo Selector and loudness compensation. Mounted on single panel. In reasonable condition. \$ 25.00 K3HLJ

Sale: 10 EIMAC 304TL Brand new in original carton \$ 5.00 each W3WNC
Pentron Champion Tape Recorder 2 speed, fast forward, fast reverse and erase \$ 85.00 W3WNC
B & W Grid Dip Meter Complete with coils and working \$15.00 W3WNC

WANTED: FM receiver tunes 30-40 mc. W3ZPP

"THE BLURB"
A Phil-Mont Mobile Radio
Club Publication
2242 Cambridge Road, Brocmall, Pa.
July 1960

OMALL: PA: (1)
RETURN POSTAGE GUARANTEED
Form 3547 Requested



TIME VALUE

MEETING NOTICE

C. R. Spencer W3QCH
124 Central Ave.
North Hills Pa. R